THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) to (c) Two units (No. 6 and 4) of 500 MW each at Ramagundam STPS of NTPC tripped on 16th October and 17th October, 2001 respectively due to Water Wall Tube leakages, which are normal happenings and such failures are attended to promptly . Unit No. 6 which tripped on 16th October, 2001, was synchronized after attending to the leakage on 17.10.2001 while Unit No. 4 was taken out for annual boiler overhaul by NTPC.

Progress of Ramagundam Stage-Ill System Transmission Project

2528. DR ALLADI P. RAJKUMAR: Will the Minister of POWER be pleased to state:

(a) whether the work on Ramagundam stage-Ill system Transmission Project is progressing as per schedule; and

(b) if so, by when this system will become operational?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) The investment approval for the Scheme for Strengthening of Grid System and Evacuation of Power from Ramagundam Stage-Ill Power Project has been issued by the Government on 30th August, 2001. The transmission project, being executive by POWERGRID, is progressing according to the schedule and is expected to become operational by August, 2005 matching with NTPC Ramagundam State-Ill generation project.

Generation of One Lakh MW of Power by 2012

2529. SHRI KHAGEN DAS: Will the Minister of power be pleased to state:

(a) whether Centre has planned to generate an additional one lakh MW of power by 2012 base through the 16th Electric Power Survey; and

(b) if so, the expected production from different sources in the coming year, year-wise?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) As per the 16th Electric Power Survey report, the peak demand for electricity in the country by the year 2011-12 would be' 1,57,107 MW and energy requirement 9,75,222 Million Unit. The Working Group on Power for 10th Plan set up by Planning Commission, has worked out a feasible capacity addition of 46,939 MW comprising 17,311 MW Hydro 28,328 MW thermal and 1,300 MW nuclear. Taking into account the likely capacity addition of 19,213 MW during 9th Plan and the 46939 MW capacity addition in 10th Plan as worked out by the Working Group, the need based capacity addition during 11th Plan would be about 62,000 MW considering renovation, modernization and life extension as an in-built activity in the planning exercise. A total capacity addition of about 1.09.000 MW is planned to meet the demand projections of 16th EPS in full by 2011-12.

(b) The year-wise expected addition from different sources during 10th and 11th Plan is given below:

Year-wise likely capacity addition during 10th & 11th Plans.

	Capacity addition during 10th Plan (2002-07)					
	2002-03	2003-04	2004-05	2005-06	2006-07	Total
Hydro	2314	3500	2793	2330	6374	
Thermal	3536	1829	3650	4855	14458	
Nuclear	0	0	0	540	760	
Total	5850	5329	6443	7725	21592	46939

Capacity addition during 11th Plan (2007-12) (Tentative Programme)

	2007-08	2008-W	2009-10	2010-11	2011-12 .	Total
Hydro	633	2348	8334	3222	4724	19261
Thermal	12702	9853	7649	2254	4539	36997
Nuclear	1220	1720	440	995	1540	5915
Total	14555	13921	16423	6471	10803	62173